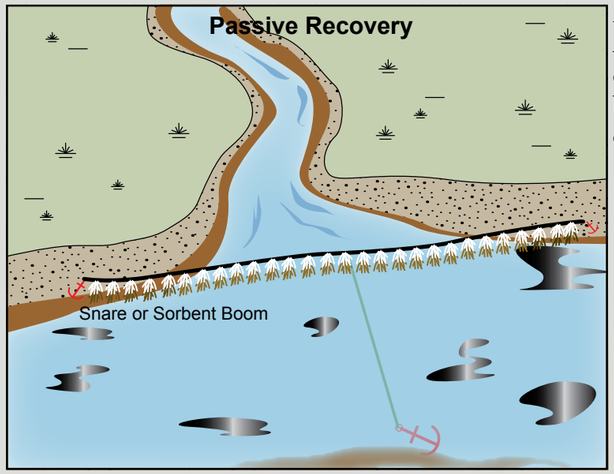
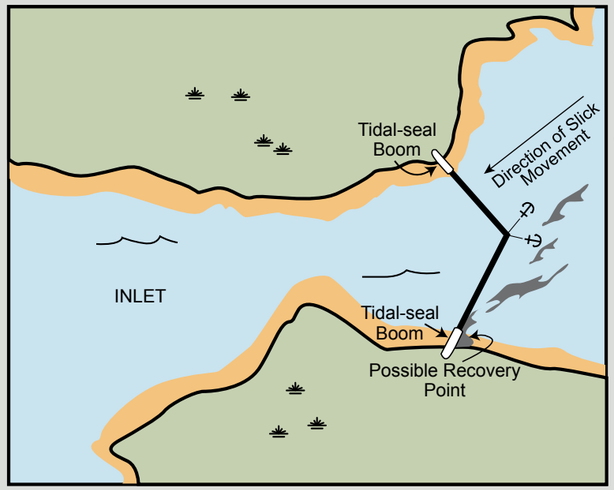
Geographic Response Strategies for Northwest Arctic Subarea, Northern Zone

Taksikpak Lagoon, NWA-N02

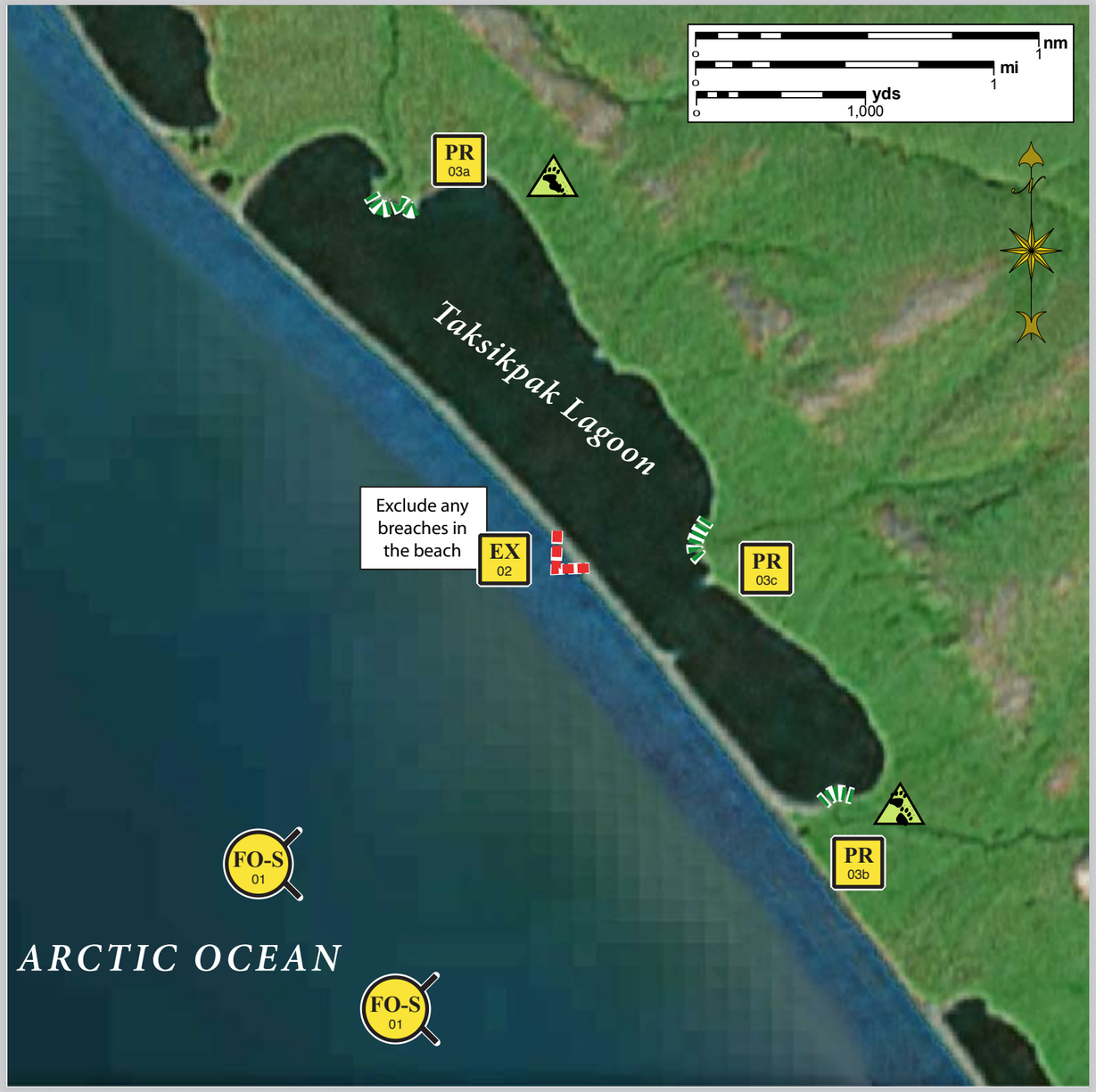
Center of map at 67° 56'2" N Lat., 165° 6'19" W Lon.



An example of the ***Passive Recovery Tactic***. Actual deployment should be adjusted for local conditions.



An example of the ***Exclusion Booming Tactic***. Actual deployment should be adjusted for local conditions.



This is not intended for navigational use.

Map Legend

FO-S	Free-oil Recovery	Protected-water Boom	
EX	Exclusion Booming	Snare or Sorbent Boom	
PR	Passive Recovery	Bears in Area, Guards Recommended	

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
N-02-01 FO-S	**Taksikpak Lagoon** Nearshore waters in the general area of: Lat. 67° 54.14 N Lon. 165° 2.72 W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Taksikpak Lagoon depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Taksikpak Lagoon. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Kivalina	Via marine waters Chart 16005	Same as N-02-01	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
N-02-02 EX	**Taksikpak Lagoon Entrance** Lat. 67° 53.80 N Lon. 165°12.66 W	**Exclusion** Exclude oil from entering Taksikpak Lagoon. The entrance to the lagoon may change seasonally and large storms may open the lagoon in other areas on the barrier beach. Aerial survey recommended prior to deployment.	Deploy anchors and boom with skiffs (class 6). After aerial survey establishes that there is a breach, place necessary amount of protected-water boom in a chevron pattern in front of the opening. Tend throughout the tide.	**Deployment** **Equipment** ***(determined by survey)*** **Vessels** 1 ea. class 3 1 ea. class 6 1 ea. helicopter (if needed for N-02-03) **Personnel/Shift** 5 ea. vessel crew **Tending** **Vessels** 1 ea. class 3/4 1 ea. class 6 **Personnel/Shift** 3 ea. vessel crew	Kivalina	Via marine waters Chart 16005	Fish- herring spawning Birds-waterfowl concentration, shorebird concentration Marine Mammals- polar bear Habitat- marsh, low lying tundra, gravel beaches, sheltered tidal flats, sheltered rocky shore	Vessel master should have local knowledge. A population of bears may be present in the area. A bear guard is required during shore operations. REPORT any cultural resources found during operations to the FOSC Historic Properties Specialist. Survey: not yet Tested: not yet
N-02-03 PR	**Taksikpak Lagoon** a. Lat. 67° 57.17 N Lon. 165° 7.79 W b. Lat. 67° 55.67 N Lon. 165°03.66 W c. Lat. 67° 56.64 N Lon. 165°05.74 W	**Passive Recovery** The lagoon in closed to direct ocean access. If storms have, or threaten to breach the barrier beach deploy, place passive recovery across the channels of the streams in Taksikpak Lagoon. The lagoon may not be accessible with skiffs. Helicopter deploy when not accessible.	Place stake and anchor snare line or sorbent boom across the channels of streams in Taksikpak Lagoon. Replace as necessary to maximize the recovery. Boom Lengths: a. 100 ft. b. 150 ft. c. 300 ft.	**Deployment** **Equipment** 550 ft. snare line or sorbent boom 3 ea. anchor systems 12 ea. anchor stakes **Vessels/Personnel/Shift** Same as N-02-02 **Tending** **Vessels/Personnel/Shift** Same as N-02-02	Kivalina	Via marine waters Chart 16005	Same as N-02-02	Use snare line for persistent oils and sorbent boom for non-persistent oils. Threatened or endangered species/habitat is present or possible in the area. Consult with NOAA and DOI prior to deployment.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the NWA Sub-Area Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_nwa.htm.